Dr. Brian Scottoline is an Assistant Professor of Pediatrics. He completed his pediatric residency training at Stanford University and his neonatology fellowship at Boston Children's Hospital. He holds a PhD in Biochemistry from Stanford, and his initial research interests were in the biochemistry of DNA recombination reactions and DNA damage repair. He is Director of the Neonatal-Perinatal Fellowship Training Program at OHSU, and is Neonatal Medical Director of the PANDA transport team at Doernbecher Children's Hospital.

Dr. Scottoline is interested in developing methods to decrease reactive oxygen species (ROS) generation as a means to decrease ischemia-reperfusion injury, which is a significant source if tissue damage in ischemic organs. The target of these efforts is at the level of the mitochondrion, a major source of ROS, and involves both biochemical as well as translational work. He is also collaborating with Cindy McEvoy and Kelvin MacDonald to investigate extended duration continuous positive airway pressure, and is developing studies in conjunction with Dan Morrow to study vascular abnormalities in growth-retarded infants. Additionally, he is working with Kenneth Azarow and Dr. Morrow to study intestinal failure in neonatal patients.